

## DISCUSSION GROUP P8

### VERTICAL PUMP PROBLEMS AND SOLUTIONS



**Robert Davis** is an Engineering Manager at Sulzer Pumps USA in Houston, TX. He has 22 years of experience with Johnson Pump & Sulzer Pumps. He has held multiple engineering positions, including Chief Engineer, QA Manager, and Test Engineer, and he is a Certified Pumping Systems Specialist with the Department of Energy. Mr. Davis graduated from the University of Houston with a BS in Mechanical Engineering Technology.



**Eric Vanhie** is a Technical Specialist at EagleBurgmann Industries in Houston, Tx. He has been active in the sealing industry for about 30 years in various positions ranging from application and design to sales of mechanical seals. Eric graduated in 1978 with a BS in Mechanical Engineering from Polytechnic College in Belgium and has worked in Europe and the USA. He is a member of the Fluid Sealing Association and has authored several technical papers on the application of mechanical



**Paul Behnke** is the Manager of Engineering and Research and Development at ITT Corporation – Gouds Pumps VPO in City of Industry, California. He rejoined the PAC , June, 2012.



**Mike Smith** is Pipeline Industry Manager working for Flowserve US Inc., in West Chicago, Illinois. He has 22 years' experience designing, manufacturing and selling various types of pumping equipment within the oil and gas, water, power and general industry market segments. He has spent the majority of his career working directly with end users in designing and selecting engineered pumping equipment, maintaining and troubleshooting existing assets and assisting end users with asset management and reliability improvement programs. Mr. Smith holds a B.S. degree in Mechanical Design Technology from Northeastern State University (OK) and is currently working to obtain his M.S. degree in Engineering Management (MSETM) at Oklahoma State University.

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**Jim Kilgore** works for Motiva at Port Arthur supporting Rotating Machinery. He started at Motiva in 2010 on the execution of the expansion project and now manages the Mechanical Engineering Discipline for the plant.